



ABSTRACT OF THE DISCLOSURE

A continuously variable, conical disk transmission including a torque-transmitting member in the form of a plate-link chain or a thrust link band. The chain includes plate links that are interconnected by pairs of rocker members that extend transversely relative to the chain movement direction. The thrust link band includes a number of thrust links that are in face-to-back contact and that extend transversely relative to the band movement direction. Each of the rocker members and the thrust links have ends that contact surfaces of the conical disks of the transmission for transmitting torque between the sets of disks. The ends of the rocker members and of the thrust links have a carbon-nitrided outer layer having a thickness of at least about 50 μm for increased durability. The surfaces of the conical disks that are contacted by the chain or the thrust link band can also be similarly treated.